

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior version, and listings, of claims in the application:

Listing of Claims:

Claims 1-16 (canceled).

17. (New) A method for performing a telematics service on a vehicle, the method comprising:

subdividing the telematics service into partial functionalities that are critical with respect to time and partial functionalities that are not critical with respect to time;

establishing a communication connection between a server and a data terminal located in the vicinity of the vehicle;

executing in the server the partial functionalities that are not critical with respect to time; and

executing in the data terminal the partial functionalities that are critical with respect to time.

18. (New) A method for performing a telematics service on a vehicle, the method comprising:

subdividing the telematics service into partial functionalities that are critical with respect to time and partial functionalities that are not critical with respect to time;

establishing a communication connection between a server and a data terminal located in the vicinity of the vehicle; and

executing in the server the partial functionalities that are not critical with respect to time.

19. (New) A method for performing a telematics service on a vehicle, the method comprising:

subdividing the telematics service into partial functionalities that are critical with respect to time and partial functionalities that are not critical with respect to time;

establishing a communication connection between a server and a data terminal located in the vicinity of the vehicle; and
executing in the data terminal the partial functionalities that are critical with respect to time.

20. (New) The method of claim 17, wherein the partial functionalities that are critical with respect to time are executed in the data terminal in an autonomous manner, and the partial functionalities that are not critical with respect to time are implemented by the server via communication with the data terminal.
21. (New) The method of claim 20, wherein the partial functionalities that are critical with respect to time comprise the communication with a control unit located in the vehicle.
22. (New) The method of claim 21, wherein the telematics service includes a remote diagnosis of the vehicle, the remote diagnosis being implemented through a diagnosis protocol, and wherein the diagnosis protocol is implemented in the server.
23. (New) The method of claim 22, wherein the diagnosis protocol is implemented by transmission of diagnosis commands from the server to the data terminal via an air interface.
24. (New) The method of claim 23, wherein the data terminal implements the diagnosis commands by transmitting commands to the control unit via a vehicle network, receiving answers from the control unit via said vehicle network, and transmitting the answers to the server via the air interface.
25. (New) The method of claim 24, wherein the diagnosis protocol includes KWP2000.

26. (New) A system for performing a telematics service on a vehicle, wherein the telematics service is subdivided into partial functionalities that are critical with respect to time and partial functionalities that are not critical with respect to time, the system comprising:

a data terminal located in the vicinity of the vehicle for executing the partial functionalities that are critical with respect to time; and

a server in communication with the data terminal, the server executing the partial functionalities that are not critical with respect to time.

27. (New) A system for performing a telematics service on a vehicle, wherein the telematics service is subdivided into partial functionalities that are critical with respect to time and partial functionalities that are not critical with respect to time, the system comprising:

a data terminal located in the vicinity of the vehicle; and

a server in communication with the data terminal, for executing the partial functionalities that are not critical with respect to time.

28. (New) A system for performing a telematics service on a vehicle, wherein the telematics service is subdivided into partial functionalities that are critical with respect to time and partial functionalities that are not critical with respect to time, the system comprising:

a data terminal located in the vicinity of the vehicle for executing the partial functionalities that are critical with respect to time; and

a server in communication with the data terminal.

29. (New) The system of claim 26, wherein the server communicates with the data terminal via an air interface, the telematics service includes a remote diagnosis of the vehicle, the remote diagnosis being implemented through a diagnosis protocol, and the diagnosis protocol being implemented in the server as a partial functionality that is not critical with respect to time.

30. (New) The system of claim 26, wherein the data terminal communicates with the server via an air interface, the data terminal being connected to a control unit located in the vehicle via a vehicle network, and the data terminal providing a sequence control as a partial functionality that is critical with respect to time, the sequence control being autonomous with respect to the server and maintaining communication with the control unit.

31. (New) A method for performing a remote diagnosis of a vehicle, the method comprising:

activating the remote diagnosis by establishing a communication connection between a server and a data terminal located in the vicinity of the vehicle;

initializing the remote diagnosis by transmitting vehicle information from the data terminal to the server;

activating a diagnosis mode in a control unit located in the vehicle;

transmitting diagnosis commands from the server to the control unit via the data terminal;

transmitting answers from the control unit to the server via the data terminal;

evaluating the answers in the server; and

transmitting results of the evaluation from the server to the data terminal.

32. (New) A computer program configured to be executed on a data terminal and a server, the data terminal being located in the vicinity of a vehicle, the computer program comprising commands for causing the data terminal and the server to perform the steps of:

activating the remote diagnosis by establishing a communication connection between the server and the data terminal;

initializing the remote diagnosis by transmitting vehicle information from the data terminal to the server;

activating a diagnosis mode in a control unit located in the vehicle;

transmitting diagnosis commands from the server to the control unit via the data terminal;

transmitting answers from the control unit to the server via the data terminal;

evaluating the answers in the server; and
transmitting results of the evaluation from the server to the data terminal.

33. (New) The computer program of claim 30, wherein the commands are stored on a computer-readable data medium.